



# REPORT OF SOLID WASTE LANDFILLED IN MICHIGAN

OCTOBER 1, 2003 – SEPTEMBER 30, 2004

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## INTRODUCTION

Section 11507a(1) of Part 115, Solid Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, requires all landfills in Michigan to “annually submit a report to the state and the county and municipality in which the landfill is located that contains information on the amount of solid waste received by the landfill during the year itemized, to the extent possible, by county, state, or country of origin and the amount of remaining disposal capacity at the landfill.”

Section 11507a(2) of Part 115 states, “By January 31 of each year, the department shall submit to the legislature a report summarizing the information obtained under subsection (1).” This Report covers the period from October 1, 2003, to September 30, 2004, and is the ninth annual Report of Solid Waste Landfilled in Michigan as compiled from the information submitted by the individual landfills.

It is recognized by the Department of Environmental Quality (DEQ) that the data may include estimates as to remaining capacity, volume, and point of origin of the waste stream reported by each landfill. Additionally, use of both standard and waste-specific conversion factors between tons and cubic yards may further alter the data accuracy.

The Waste Receipt Report forms sent by the DEQ to the landfills provide for reporting of the waste received by category. Type II waste is municipal solid waste. Type III wastes are certain wastes generated in industrial and construction/demolition activities. Certain Type III wastes are accounted for specifically in landfill waste receipt reports, primarily to calculate the financial assurance applicable to those types of wastes. These specially accounted wastes are: (1) foundry sand; (2) coal or wood ash; (3) wastewater treatment sludges; and (4) sediments from wood processing or paper manufacturing. If these wastes are placed in segregated cells or otherwise separated from other wastes in a landfill, they are labeled in this Report as “Type III Segregated Waste” (if each specially accounted waste is disposed of separately) or “Type III Mixed Waste” (if the specially accounted wastes are mixed together). For additional information on these wastes, see Sections 11525(3) and (4) of Part 115.

It should be noted that this Report addresses waste disposed of in Michigan landfills from in-state and out-of-state locations. It does not address waste originating in Michigan that is transported to locations outside Michigan for disposal. Additionally, this Report covers only waste landfilled in Michigan and does not attempt to determine the amount of waste removed from the overall waste stream prior to final disposal by such means as waste reduction and recycling. Incineration in Michigan is also not addressed except for the final landfilling of ash from municipal incinerators.

### WASTE DISPOSAL SUMMARY INFORMATION

Total waste disposal in Michigan landfills was reported at 64,287,255 cubic yards, an increase of 1,671,826 cubic yards or about 3 percent over the Fiscal Year (FY) 2003 Report. Waste generated in Michigan decreased from 47,115,961 cubic yards in the previous reporting period to 46,150,953 cubic yards, a decrease of about 2 percent. Total imports of waste into Michigan landfills increased from the previous reporting period from 15,499,468 cubic yards to 18,136,302 cubic yards, an increase of about 17 percent. The largest source of waste imports to Michigan continues to be from Canada, with total reported imports to landfills of 11,558,899 cubic yards, up 2,125,871 cubic yards or about 23 percent from the FY 2003 Report. Canadian waste imports equal about 18 percent of all waste disposed of in Michigan landfills. Waste reported from other states and Canada totaled about 28 percent of all solid waste disposed of in Michigan landfills. Imported waste comprised 25 percent of solid waste disposed of in Michigan landfills in the previous year. Further, the data that follow outline the out-of-state imports to Michigan over the past nine FYs. Imports from other states increased to 6,577,403 cubic yards from 6,066,440 cubic yards, an increase of about 8 percent. This information is presented in Tables 1 and 2 and Figures 1 and 2.

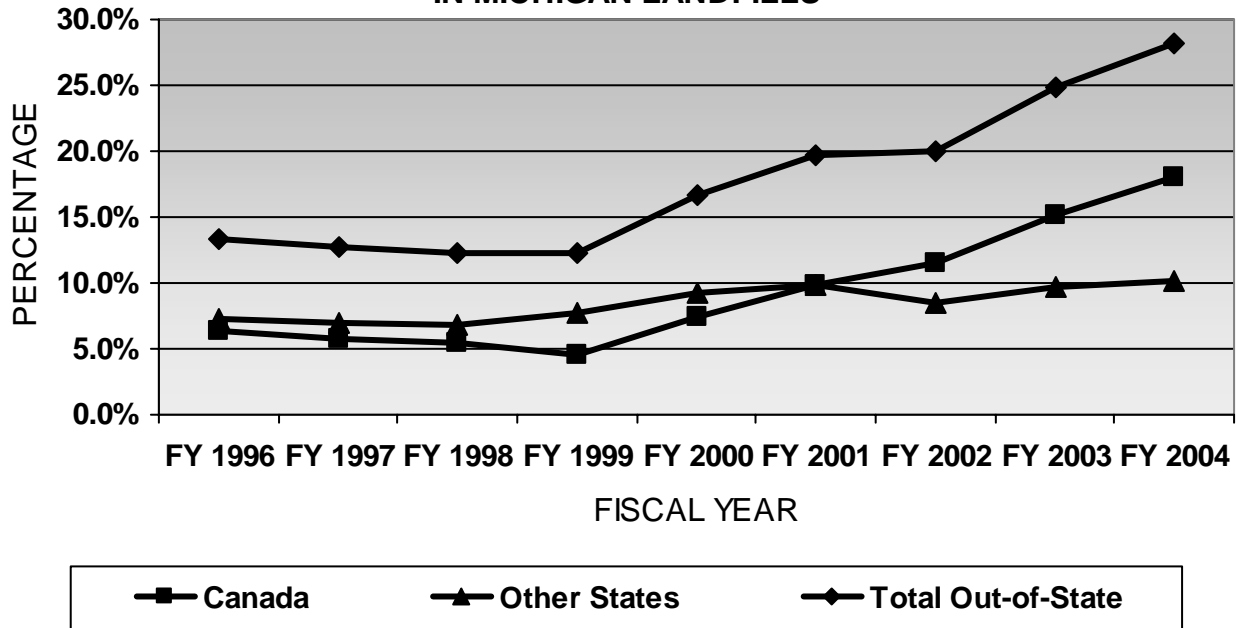
**TABLE 1**  
**SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS**  
 (All Figures in Cubic Yards)

<b>Fiscal Year</b>	<b>Michigan</b>	<b>Canada</b>	<b>Other States</b>	<b>Totals</b>
FY 1996	36,592,636	2,654,575	3,035,192	42,282,403
FY 1997	38,088,188	2,504,879	3,076,573	43,669,640
FY 1998	41,006,046	2,548,815	3,186,372	46,741,233
FY 1999	45,607,770	2,342,791	4,006,904	51,957,465
FY 2000	46,779,196	4,216,814	5,156,301	56,152,311
FY 2001	48,378,105	5,894,738	5,977,769	60,250,612
FY 2002	46,046,479	6,607,856	4,886,587	57,540,922
FY 2003	47,115,961	9,433,028	6,066,440	62,615,429
FY 2004	46,150,953	11,558,899	6,577,403	64,287,255

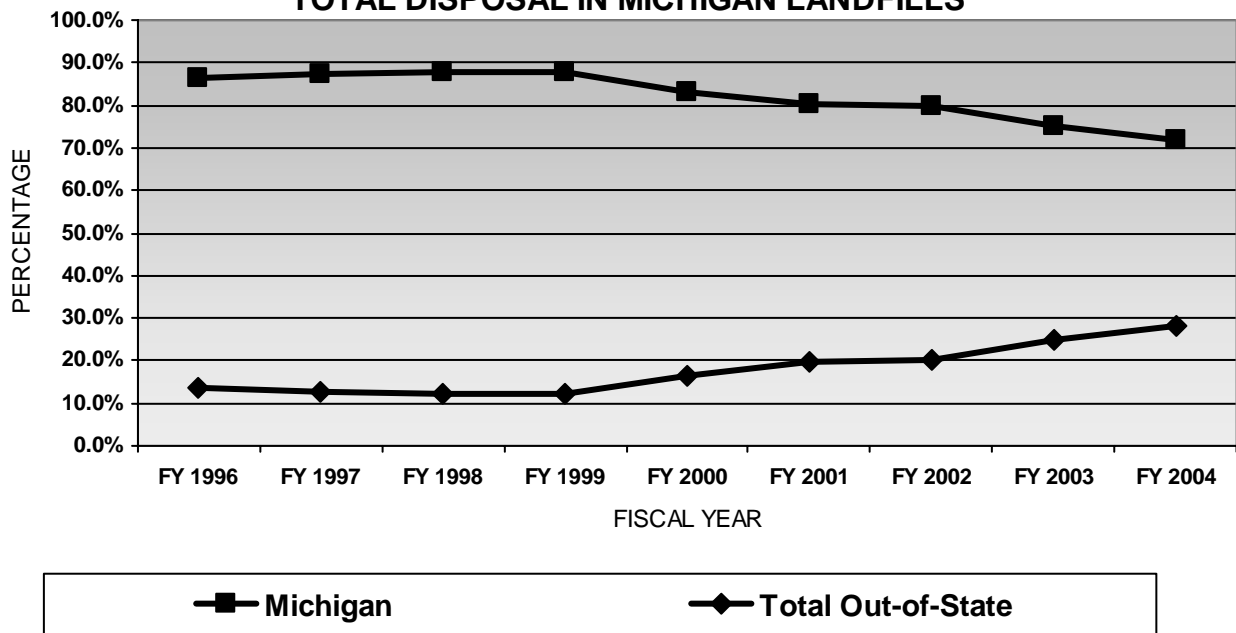
**TABLE 2**  
**SOLID WASTE DISPOSED OF IN MICHIGAN LANDFILLS**  
**BY PERCENTAGE**

<b>Fiscal Year</b>	<b>Michigan</b>	<b>Canada</b>	<b>Other States</b>
FY 1996	86.5%	6.3%	7.2%
FY 1997	87.2%	5.7%	7.0%
FY 1998	87.7%	5.5%	6.8%
FY 1999	87.8%	4.5%	7.7%
FY 2000	83.3%	7.5%	9.2%
FY 2001	80.3%	9.8%	9.9%
FY 2002	80.0%	11.5%	8.5%
FY 2003	75.2%	15.1%	9.7%
FY 2004	71.8%	18.0%	10.2%

**FIGURE 1**  
**OUT-OF-STATE WASTE AS PERCENTAGE OF TOTAL DISPOSAL**  
**IN MICHIGAN LANDFILLS**



**FIGURE 2**  
**MICHIGAN AND OUT-OF-STATE WASTE AS PERCENTAGE OF**  
**TOTAL DISPOSAL IN MICHIGAN LANDFILLS**



The following provides details concerning the volumes of waste disposed of in Michigan landfills and provides a breakdown of the waste imported into Michigan for disposal for all landfills that reported this information. Table 3 displays waste disposal summary information for both in-state and imported waste. It is expected that some of the unassigned waste is from out-of-state sources. However, this figure is unknown, and no reasonable estimates of the origin of unidentified wastes are available.

TABLE 3 SOLID WASTE DISPOSAL SOURCE SUMMARY			
WASTE TYPE	IN-STATE	IMPORTED	TOTAL
TYPE II	34,360,978	15,640,521	50,001,499
TYPE II – MSW ASH	263,494	51,552	315,046
<b>SUBTOTAL TYPE II</b>	<b>34,624,472</b>	<b>15,692,073</b>	<b>50,316,545</b>
TYPE III	9,663,165	2,424,221	12,087,386
TYPE III MIXED	389,381	20,008	409,389
TYPE III SEGREGATED	1,473,935	0	1,473,935
<b>SUBTOTAL TYPE III</b>	<b>11,526,481</b>	<b>2,444,229</b>	<b>13,970,710</b>
<b>GRAND TOTAL</b>	<b>46,150,953</b>	<b>18,136,302</b>	<b>64,287,255</b>

## WASTE IMPORTS

Based on the reported information for FY 2004, the solid waste industry in Michigan imported solid waste from 12 other states and from Canada for disposal in Michigan landfills. Table 4 indicates the volume of Type II and Type III waste imported and the state or country of origin of the waste.

TABLE 4 IMPORTED WASTE BY ORIGIN – FY 2004 (Volume in Cubic Yards)			
WASTE ORIGIN	TYPE II WASTE	TYPE III WASTE	TOTAL WASTE
CANADA	10,667,804	891,095	11,558,899
CONNECTICUT		147,025	147,025
ILLINOIS	1,768,849	360	1,769,209
INDIANA	1,963,208	2,740	1,965,948
MAINE		1,130	1,130
MASSACHUSETTS	560	199,851	200,411
NEW HAMPSHIRE		52,615	52,615
NEW JERSEY	80	389,720	389,800
NEW YORK	45	212,705	212,750
OHIO	884,626	413,422	1,298,048
PENNSYLVANIA		200	200
RHODE ISLAND		73,210	73,210
WISCONSIN	406,901	60,156	467,057



Table 5 shows the total amount of waste imported into each county from all out-of-state sources.

<b>TABLE 5</b> <b>IMPORTED WASTE TOTALS BY COUNTY AND PLACE OF ORIGIN – FY 2004</b> (Volume in Cubic Yards)		
<b>COUNTY</b>	<b>WASTE ORIGIN</b>	<b>WASTE VOLUME</b>
ALGER	WISCONSIN	25,258
BERRIEN	ILLINOIS	1,768,647
BERRIEN	INDIANA	1,927,598
CALHOUN	INDIANA	720
CHIPPEWA	CANADA	26,997
CRAWFORD	CANADA	35,614
DICKINSON	WISCONSIN	20,008
GENESEE	CANADA	915,548
GENESEE	OHIO	31
LENAWEE	OHIO	28,357
MACOMB	CANADA	4,631,505
MENOMINEE	WISCONSIN	281,128
MONROE	CANADA	174,967
MONROE	CONNECTICUT	146,965
MONROE	MAINE	1,130
MONROE	MASSACHUSETTS	199,851
MONROE	NEW HAMPSHIRE	52,615
MONROE	NEW JERSEY	389,720
MONROE	NEW YORK	212,705
MONROE	OHIO	1,017,195
MONROE	PENNSYLVANIA	200
MONROE	RHODE ISLAND	73,210
ONTONAGON	WISCONSIN	140,663
ST. JOSEPH	INDIANA	37,630
WASHTENAW	CANADA	538,619
WAYNE	CANADA	5,235,649
WAYNE	CONNECTICUT	60
WAYNE	ILLINOIS	562
WAYNE	MASSACHUSETTS	560
WAYNE	NEW JERSEY	80
WAYNE	NEW YORK	45
WAYNE	OHIO	252,465

## FACILITY INFORMATION

The total of Type II and Type III waste disposed of and total volume at each of the 78 reporting facilities is given in Table 6. Tables 7 and 8 list the Type II and Type III disposal volumes ranked in order of volume disposed. The highlighted type of waste in each of Tables 7 and 8 corresponds to the focus of that table. However, all waste information is also provided for reference purposes. Table 8 includes Type III waste disposed of as mixed Type III or segregated Type III waste (see the Introduction). However, landfills receiving waste disposed of in those categories are also listed in Tables 9 and 10.

TABLE 6 TOTAL WASTE DISPOSAL BY FACILITY – ALPHABETICAL LISTING – FY 2004 (Volume in Cubic Yards)			
FACILITY NAME	TYPE II WASTE DISPOSED	TYPE III WASTE DISPOSED	TOTAL WASTE DISPOSED
ADRIAN LANDFILL	609,025	982	610,007
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL		1,492,046	1,492,046
ARBOR HILLS WEST EXPANDED SANITARY LANDFILL	3,322,322		3,322,322
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	1,882,982		1,882,982
BRENT RUN LANDFILL	1,125,145	526,887	1,652,032
C&C EXPANDED SANITARY LANDFILL	736,614	344,735	1,081,349
CARLETON FARMS LANDFILL	5,073,330	2,580,741	7,654,071
CEMEX INC.		50,368	50,368
CENTRAL SANITARY LANDFILL	555,179	239,989	795,168
CITIZENS DISPOSAL, INC.	604,066	228,049	832,115
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	846,349		846,349
CITY ENVIRONMENTAL SERVICES LANDFILL OF HASTINGS	125,434		125,434
CITY OF LIVONIA LANDFILL		9,509	9,509
CITY OF MIDLAND SANITARY LANDFILL	668,010	92,701	760,711
COLLIER ROAD LANDFILL	217,185		217,185
COUNTY OF MUSKEGON - SOLID WASTE FACILITY	180,740		180,740

FACILITY NAME	TYPE II WASTE DISPOSED	TYPE III WASTE DISPOSED	TOTAL WASTE DISPOSED
COUNTYWIDE LANDFILL		559,351	559,351
COVE LANDFILL	77,151		77,151
DAFTER SANITARY LANDFILL	173,340	1,905	175,245
DE KARN 1&2 SOLID WASTE DISPOSAL AREA		93,739	93,739
DELTA COUNTY LANDFILL	105,440	2,606	108,046
DETROIT EDISON CO. MONROE POWER		394,066	394,066
DETROIT EDISON CO. RANGE RD ASH DISPOSAL		283,457	283,457
DETROIT EDISON CO. SIBLEY QUARRY		253,831	253,831
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	1,156,222	127,077	1,283,299
EDW. C. LEVY CO. LANDFILL		184,692	184,692
ELK RUN LANDFILL	250,602	31,466	282,068
ESCANABA PAPER COMPANY		156,810	156,810
FORD MOTOR CO. ALLEN PK CLAY MINE LF	83,530		83,530
FOREST LAWN LANDFILL, INC.	4,029,803		4,029,803
GLENS SANITARY LANDFILL	371,912		371,912
GMC SAGINAW METAL CASTING		114,751	114,751
GRANGER GRAND RIVER LANDFILL	206,956	177,329	384,285
GRANGER WOOD STREET LANDFILL	699,425	293,926	993,351
GREAT LAKES PULP COMPANY TYPE III LANDFILL		19,282	19,282
HOLCIM US INC. DUNDEE PLANT		43,860	43,860
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP		540	540
INTERNATIONAL PAPER COMPANY		134,951	134,951
J H CAMPBELL COMPLEX		182,646	182,646
J R WHITING PLANT		72,581	72,581
JC WEADOCK SOLID WASTE DISPOSAL AREA		62,075	62,075
K & W LANDFILL	332,546	1,765	334,311
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III		39,081	39,081
KENT COUNTY SOUTH KENT LANDFILL	538,088		538,088
LAFARGE NORTH AMERICA-TYPE III LANDFILL		539,795	539,795
LIBERTY ENVIRONMENTALISTS LANDFILL		197,187	197,187
MANISTEE COUNTY LANDFILL INC.	338,293	146,790	485,083
MANISTIQUE PAPERS INC.		164,379	164,379
MARQUETTE COUNTY SOLID WASTE	261,354		261,354

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
MATLIN ROAD LANDFILL		1,445	1,445
MCGILL ROAD LANDFILL	71,912	123,778	195,690
MICHIGAN ENVIRONS INC.	442,046	152,070	594,116
MONTMORENCY-OSCODA-ALPENA SWMA	130,488	16,986	147,474
NORTHERN OAKS RECYCLING AND DISPOSAL	554,655		554,655
OAKLAND HEIGHTS DEVELOPMENT, INC.	1,186,773	622,939	1,809,712
ORCHARD HILL SANITARY LANDFILL	622,409		622,409
OTTAWA COUNTY FARMS LANDFILL	1,322,126	539,565	1,861,691
PEOPLES LANDFILL, INC.	776,098	76,191	852,289
PINE TREE ACRES, INC.	6,017,322	45,021	6,062,343
PITSCH SANITARY LANDFILL	30,220	128,769	158,989
PRESQUE ISLE POWER PLANT ASH LANDFILL		81,812	81,812
RICHFIELD LANDFILL, INC.	501,294		501,294
RIVERVIEW LAND PRESERVE	2,204,847		2,204,847
SAUK TRAIL HILLS LANDFILL	2,124,533	955,914	3,080,447
SMITHS CREEK LANDFILL	516,482	226,494	742,976
SMURFIT STONE CONTAINER CORPORATION		97,620	97,620
SOUTHEAST BERRIEN COUNTY LANDFILL	651,732		651,732
SPARTA FOUNDRY WASTE FACILITY		10,107	10,107
STORA ENSO NORTH AMERICA NIAGARA MIL		20,008	20,008
THE DOW CHEMICAL COMPANY-SALZBURG		3,716	3,716
TRI-CITY RECYCLING AND DISPOSAL FACILITY	190,718	14,130	204,848
VENICE PARK RECYCLING & DISPOSAL FACIL	1,045,765	11,103	1,056,868
VIENNA JUNCTION INDUSTRIAL PARK SANITARY	1,033,168	736,973	1,770,141
WESTSIDE RECYCLING & DISPOSAL FACILITY	1,101,117	100,795	1,201,912
WEXFORD COUNTY LANDFILL	284,429		284,429
WHITEFEATHER LANDFILL	295,853	131,875	427,728
WOOD ISLAND WASTE MANAGEMENT, INC.	136,138	27,454	163,592
WOODLAND MEADOWS RDF-VAN BUREN	4,505,377		4,505,377

**TABLE 7**  
**TYPE II WASTE DISPOSAL BY FACILITY – RANKED BY VOLUME – FY 2004**  
 (Volume in Cubic Yards)

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
PINE TREE ACRES, INC.	6,017,322	45,021	6,062,343
CARLETON FARMS LANDFILL	5,073,330	2,580,741	7,654,071
WOODLAND MEADOWS RDF-VAN BUREN	4,505,377		4,505,377
FOREST LAWN LANDFILL, INC.	4,029,803		4,029,803
ARBOR HILLS WEST EXPANDED SANITARY	3,322,322		3,322,322
RIVERVIEW LAND PRESERVE	2,204,847		2,204,847
SAUK TRAIL HILLS LANDFILL	2,124,533	955,914	3,080,447
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	1,882,982		1,882,982
OTTAWA COUNTY FARMS LANDFILL	1,322,126	539,565	1,861,691
OAKLAND HEIGHTS DEVELOPMENT, INC.	1,186,773	622,939	1,809,712
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	1,156,222	127,077	1,283,299
BRENT RUN LANDFILL	1,125,145	526,887	1,652,032
WESTSIDE RECYCLING & DISPOSAL FACILITY	1,101,117	100,795	1,201,912
VENICE PARK RECYCLING & DISPOSAL FACIL	1,045,765	11,103	1,056,868
VIENNA JUNCTION INDUSTRIAL PARK SANITARY	1,033,168	736,973	1,770,141
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	846,349		846,349
PEOPLES LANDFILL, INC.	776,098	76,191	852,289
C&C EXPANDED SANITARY LANDFILL	736,614	344,735	1,081,349
GRANGER WOOD STREET LANDFILL	699,425	293,926	993,351
CITY OF MIDLAND SANITARY LANDFILL	668,010	92,701	760,711
SOUTHEAST BERRIEN COUNTY LANDFILL	651,732		651,732
ORCHARD HILL SANITARY LANDFILL	622,409		622,409
ADRIAN LANDFILL	609,025	982	610,007
CITIZENS DISPOSAL, INC.	604,066	228,049	832,115
CENTRAL SANITARY LANDFILL	555,179	239,989	795,168
NORTHERN OAKS RECYCLING AND DISPOSAL	554,655		554,655
KENT COUNTY SOUTH KENT LANDFILL	538,088		538,088
SMITHS CREEK LANDFILL	516,482	226,494	742,976
RICHFIELD LANDFILL, INC.	501,294		501,294
MICHIGAN ENVIRONS INC.	442,046	152,070	594,116

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
GLENS SANITARY LANDFILL	371,912		371,912
MANISTEE COUNTY LANDFILL INC.	338,293	146,790	485,083
K & W LANDFILL	332,546	1,765	334,311
WHITEFEATHER LANDFILL	295,853	131,875	427,728
WEXFORD COUNTY LANDFILL	284,429		284,429
MARQUETTE COUNTY SOLID WASTE	261,354		261,354
ELK RUN LANDFILL	250,602	31,466	282,068
COLLIER ROAD LANDFILL	217,185		217,185
GRANGER GRAND RIVER LANDFILL	206,956	177,329	384,285
TRI-CITY RECYCLING AND DISPOSAL FACILITY	190,718	14,130	204,848
COUNTY OF MUSKEGON - SOLID WASTE FACILITY	180,740		180,740
DAFTER SANITARY LANDFILL	173,340	1,905	175,245
WOOD ISLAND WASTE MANAGEMENT, INC.	136,138	27,454	163,592
MONTMORENCY-OSCODA-ALPENA SWMA	130,488	16,986	147,474
CITY ENVIRONMENTAL SERVICES LANDFILL OF HASTINGS	125,434		125,434
DELTA COUNTY LANDFILL	105,440	2,606	108,046
FORD MOTOR CO. ALLEN PK CLAY MINE LF	83,530		83,530
COVE LANDFILL	77,151		77,151
MCGILL ROAD LANDFILL	71,912	123,778	195,690
PITSCH SANITARY LANDFILL	30,220	128,769	158,989
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL		1,492,046	1,492,046
COUNTYWIDE LANDFILL		559,351	559,351
LA FARGE NORTH AMERICA-TYPE III LANDFILL		539,795	539,795
DETROIT EDISON COMPANY MONROE POWER		394,066	394,066
DETROIT EDISON CO. RANGE RD ASH DISPOSAL		283,457	283,457
DETROIT EDISON CO. SIBLEY QUARRY		253,831	253,831
LIBERTY ENVIRONMENTALISTS LANDFILL		197,187	197,187
EDW. C. LEVY CO. LANDFILL		184,692	184,692
J H CAMPBELL COMPLEX		182,646	182,646
MANISTIQUE PAPERS INC.		164,379	164,379
ESCANABA PAPER COMPANY		156,810	156,810
INTERNATIONAL PAPER COMPANY		134,951	134,951

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
GMC SAGINAW METAL CASTING		114,751	114,751
SMURFIT STONE CONTAINER CORPORATION		97,620	97,620
DE KARN 1&2 SOLID WASTE DISPOSAL AREA		93,739	93,739
PRESQUE ISLE POWER PLANT ASH LANDFILL		81,812	81,812
J R WHITING PLANT		72,581	72,581
JC WEADOCK SOLID WASTE DISPOSAL AREA		62,075	62,075
CEMEX INC.		50,368	50,368
HOLCIM US INC. DUNDEE PLANT		43,860	43,860
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE		39,081	39,081
STORA ENSO NORTH AMERICA NIAGARA MIL		20,008	20,008
GREAT LAKES PULP COMPANY TYPE III LANDFILL		19,282	19,282
SPARTA FOUNDRY WASTE FACILITY		10,107	10,107
CITY OF LIVONIA LANDFILL		9,509	9,509
THE DOW CHEMICAL COMPANY-SALZBURG		3,716	3,716
MATLIN ROAD LANDFILL		1,445	1,445

**TABLE 8**  
**TYPE III WASTE DISPOSAL BY FACILITY – RANKED BY VOLUME – FY 2004**  
 (Volume in Cubic Yards)

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
CARLETON FARMS LANDFILL	5,073,330	<b>2,580,741</b>	7,654,071
ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL		<b>1,492,046</b>	1,492,046
SAUK TRAIL HILLS LANDFILL	2,124,533	<b>955,914</b>	3,080,447
VIENNA JUNCTION INDUSTRIAL PARK SANITARY	1,033,168	<b>736,973</b>	1,770,141
OAKLAND HEIGHTS DEVELOPMENT, INC.	1,186,773	<b>622,939</b>	1,809,712
COUNTYWIDE LANDFILL		<b>559,351</b>	559,351
LAFARGE NORTH AMERICA-TYPE III LANDFILL		<b>539,795</b>	539,795
OTTAWA COUNTY FARMS LANDFILL	1,322,126	<b>539,565</b>	1,861,691
BRENT RUN LANDFILL	1,125,145	<b>526,887</b>	1,652,032
DETROIT EDISON COMPANY MONROE POWER		<b>394,066</b>	394,066
C&C EXPANDED SANITARY LANDFILL	736,614	<b>344,735</b>	1,081,349
GRANGER WOOD STREET LANDFILL	699,425	<b>293,926</b>	993,351
DETROIT EDISON CO. RANGE RD ASH DISPOSAL		<b>283,457</b>	283,457
DETROIT EDISON CO. SIBLEY QUARRY		<b>253,831</b>	253,831
CENTRAL SANITARY LANDFILL	555,179	<b>239,989</b>	795,168
CITIZENS DISPOSAL, INC.	604,066	<b>228,049</b>	832,115
SMITHS CREEK LANDFILL	516,482	<b>226,494</b>	742,976
LIBERTY ENVIRONMENTALISTS LANDFILL		<b>197,187</b>	197,187
EDW. C. LEVY CO. LANDFILL		<b>184,692</b>	184,692
J H CAMPBELL COMPLEX		<b>182,646</b>	182,646
GRANGER GRAND RIVER LANDFILL	206,956	<b>177,329</b>	384,285
MANISTIQUE PAPERS INC.		<b>164,379</b>	164,379
ESCANABA PAPER COMPANY		<b>156,810</b>	156,810
MICHIGAN ENVIRONS INC.	442,046	<b>152,070</b>	594,116
MANISTEE COUNTY LANDFILL INC.	338,293	<b>146,790</b>	485,083
INTERNATIONAL PAPER COMPANY		<b>134,951</b>	134,951
WHITEFEATHER LANDFILL	295,853	<b>131,875</b>	427,728
PITSCH SANITARY LANDFILL	30,220	<b>128,769</b>	158,989
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	1,156,222	<b>127,077</b>	1,283,299



<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
MCGILL ROAD LANDFILL	71,912	123,778	195,690
GMC SAGINAW METAL CASTING		114,751	114,751
WESTSIDE RECYCLING & DISPOSAL FACILITY	1,101,117	100,795	1,201,912
SMURFIT STONE CONTAINER CORPORATION		97,620	97,620
DE KARN 1&2 SOLID WASTE DISPOSAL AREA		93,739	93,739
CITY OF MIDLAND SANITARY LANDFILL	668,010	92,701	760,711
PRESQUE ISLE POWER PLANT ASH LANDFILL		81,812	81,812
PEOPLES LANDFILL, INC.	776,098	76,191	852,289
J R WHITING PLANT		72,581	72,581
JC WEADOCK SOLID WASTE DISPOSAL AREA		62,075	62,075
CEMEX INC.		50,368	50,368
PINE TREE ACRES, INC.	6,017,322	45,021	6,062,343
HOLCIM US INC. DUNDEE PLANT		43,860	43,860
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE		39,081	39,081
ELK RUN LANDFILL	250,602	31,466	282,068
WOOD ISLAND WASTE MANAGEMENT, INC.	136,138	27,454	163,592
STORA ENSO NORTH AMERICA NIAGARA MIL		20,008	20,008
GREAT LAKES PULP COMPANY TYPE III LANDFILL		19,282	19,282
MONTMORENCY-OSCODA-ALPENA SWMA	130,488	16,986	147,474
TRI-CITY RECYCLING AND DISPOSAL FACILITY	190,718	14,130	204,848
VENICE PARK RECYCLING & DISPOSAL FACIL	1,045,765	11,103	1,056,868
SPARTA FOUNDRY WASTE FACILITY		10,107	10,107
CITY OF LIVONIA LANDFILL		9,509	9,509
THE DOW CHEMICAL COMPANY-SALZBURG		3,716	3,716
DELTA COUNTY LANDFILL	105,440	2,606	108,046
DAFTER SANITARY LANDFILL	173,340	1,905	175,245
K & W LANDFILL	332,546	1,765	334,311
MATLIN ROAD LANDFILL		1,445	1,445
ADRIAN LANDFILL	609,025	982	610,007
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP		540	540
ARBOR HILLS WEST EXPANDED SANITARY	3,322,322		3,322,322
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	1,882,982		1,882,982
CITY ENVIRONMENTAL SERVICES LANDFILL OF HASTINGS	125,434		125,434

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	846,349		846,349
COLLIER ROAD LANDFILL	217,185		217,185
COUNTY OF MUSKEGON - SOLID WASTE FACILITY	180,740		180,740
COVE LANDFILL	77,151		77,151
FORD MOTOR CO. ALLEN PK CLAY MINE LF	83,530		83,530
FOREST LAWN LANDFILL, INC.	4,029,803		4,029,803
GLENS SANITARY LANDFILL	371,912		371,912
KENT COUNTY SOUTH KENT LANDFILL	538,088		538,088
MARQUETTE COUNTY SOLID WASTE	261,354		261,354
NORTHERN OAKS RECYCLING AND DISPOSAL	554,655		554,655
ORCHARD HILL SANITARY LANDFILL	622,409		622,409
RICHFIELD LANDFILL, INC.	501,294		501,294
RIVERVIEW LAND PRESERVE	2,204,847		2,204,847
SOUTHEAST BERRIEN COUNTY LANDFILL	651,732		651,732
WEXFORD COUNTY LANDFILL	284,429		284,429
WOODLAND MEADOWS RDF-VAN BUREN	4,505,377		4,505,377

TABLE 9  
**MIXED TYPE III WASTE DISPOSAL BY FACILITY**  
**RANKED BY VOLUME – FY 2004**  
 (Volume in Cubic Yards)

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
ESCANABA PAPER COMPANY		<b>156,810</b>	156,810
INTERNATIONAL PAPER COMPANY		<b>134,951</b>	134,951
SMURFIT STONE CONTAINER CORPORATION		<b>97,620</b>	97,620
STORA ENSO NORTH AMERICA NIAGARA MIL		<b>20,008</b>	20,008

TABLE 10  
**SEGREGATED TYPE III WASTE DISPOSAL BY FACILITY**  
**RANKED BY VOLUME – FY 2004**  
 (Volume in Cubic Yards)

<b>FACILITY NAME</b>	<b>TYPE II WASTE DISPOSED</b>	<b>TYPE III WASTE DISPOSED</b>	<b>TOTAL WASTE DISPOSED</b>
DETROIT EDISON CO. MONROE POWER PLANT ASH BASIN		<b>394,066</b>	394,066
DETROIT EDISON CO. RANGE RD ASH DISPOSAL		<b>276,512</b>	276,512
DETROIT EDISON CO. SIBLEY QUARRY		<b>253,831</b>	253,831
J H CAMPBELL COMPLEX		<b>182,646</b>	182,646
DE KARN 1&2 SOLID WASTE DISPOSAL AREA		<b>93,739</b>	93,739
PRESQUE ISLE POWER PLANT ASH LANDFILL		<b>81,812</b>	81,812
J R WHITING PLANT		<b>72,581</b>	72,581
JC WEADOCK SOLID WASTE DISPOSAL AREA		<b>62,075</b>	62,075
SPARTA FOUNDRY WASTE FACILITY		<b>10,107</b>	10,107
DETROIT EDISON CO. RANGE RD ASH DISPOSAL		<b>6,945</b>	6,945

## CAPACITY INFORMATION

As defined in Section 11507a(1) of Part 115, as amended by 2004 PA 39, “Remaining disposal capacity shall be calculated as the permitted capacity less waste in place for any area that has been constructed and is not yet closed plus the permitted capacity for each area that has a permit for construction under this part but has not yet been constructed.” Table 11 presents estimated remaining disposal capacity, capacity used during the fiscal year, estimated years of remaining capacity (rounded to the nearest year) as reported by each facility and a DEQ-calculated estimate of years of capacity, for each noncaptive<sup>1</sup> facility, alphabetically. The data presented in column (C) for each facility are based on site-specific calculations, which may vary among facilities. The data representing capacity used in FY 2004 and estimated years remaining, as calculated by each facility, are presented for informational purposes only. It should also be noted that the amount of waste received at each facility may differ from the capacity used during the fiscal year depending on the type of waste disposed and the rate at which the waste is compacted.

The DEQ used a simplistic formula to calculate estimated years of remaining capacity for each facility, using the data provided by each facility: column (A) divided by column (B) equals column (D). Although, in some cases, the facility-projected years of remaining capacity in column (C) equals the calculated capacity in column (D), it must be noted that each facility may have used a different formula to calculate their projected years of remaining capacity and, therefore, may differ from the calculations presented in column (D).

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<sup>1</sup> Section 11525a(10) of Part 115 states, in pertinent part, “‘captive facility’ means a landfill that accepts for disposal only nonhazardous industrial waste generated only by the owner of the landfill or a nonhazardous industrial waste landfill that is specified in section 11525(3).” For additional information see Section 11525a.

**TABLE 11**  
**FACILITY CAPACITY AND YEARS REMAINING FOR**  
**NONCAPTIVE FACILITIES – FY 2004**  
 (Volume in Cubic Yards)

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2004	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
ADRIAN LANDFILL	3,233,915	275,529	12	12
ALLIED WASTE INDUSTRIES (ROCKWOOD)	19,356,577	711,196	27	27
ARBOR HILLS WEST EXPANDED SANITARY LANDFILL	22,225,960	1,058,330	21	21
AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY	13,914,200	735,800	22	19
BRENT RUN LANDFILL	10,951,833	718,680	15	15
C&C EXPANDED SANITARY LANDFILL	7,120,291	338,000	19	21
CARLETON FARMS LANDFILL	51,770,202	2,632,240	20	20
CENTRAL SANITARY LANDFILL	12,014,906	379,783	32	32
CITIZENS DISPOSAL, INC.	11,735,027	310,553	38	38
CITY ENVIRONMENTAL SERVICES, INC. OF WATERS	17,787,210	320,335	55	56
CITY ENVIRONMENTAL SERVICES LANDFILL OF HASTINGS	2,742,000	83,000	50	33
CITY OF MIDLAND SANITARY LANDFILL	1,221,517	253,570	8	5
COLLIER ROAD LANDFILL	382,400	142,081	2	3
COUNTY OF MUSKEGON - SOLID WASTE FACILITY	3,099,900	241,000	13	13
COUNTYWIDE LANDFILL (GIBRALTAR)	2,140,000	260,000	4	8
COVE LANDFILL	130,673	44,108	1	3
DAFTER SANITARY LANDFILL	4,180,000	62,000	65	67
DELTA COUNTY LANDFILL	578,500	73,400	7	8
EAGLE VALLEY RECYCLE & DISPOSAL FACILITY	3,782,000	650,000	7	6
EDW. C. LEVY CO. LANDFILL	1,540,245	117,683	12	1
ELK RUN LANDFILL	2,948,842	124,868	24	24
FORD MOTOR CO. ALLEN PK CLAY MINE LF	967,252	48,848	6 <sup>2</sup>	20
FOREST LAWN LANDFILL, INC.	6,383,915	1,551,580	4	4
GLENS SANITARY LANDFILL	19,325,803	141,288	132	137
GRANGER GRAND RIVER LANDFILL	7,239,956	192,144	38	38
GRANGER WOOD STREET LANDFILL	24,933,325	466,675	54	53

<sup>2</sup> Although estimated years remaining is 6, this facility has a postclosure plan approved by the DEQ and will be closing.

K & W LANDFILL	3,100,000	240,000	27	13
FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2004	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
KENT COUNTY SOUTH KENT LANDFILL	8,264,588	241,314	20	34
LIBERTY ENVIRONMENTALISTS LANDFILL	1,062,802	197,198	5	5
MANISTEE COUNTY LANDFILL INC.	11,804,813	203,640	41	58
MARQUETTE COUNTY SOLID WASTE	4,002,731	134,028	44	30
MATLIN ROAD LANDFILL	760,608	1,445	23	526
MCGILL ROAD LANDFILL	216,500	79,400	3	3
MICHIGAN ENVIRONS INC.	4,366,000	249,000	17	18
MONTMORENCY-OSCODA-ALPENA SWMA	171,332	147,474	2	1
NORTHERN OAKS RECYCLING AND DISPOSAL FACILITY	9,107,894	213,035	41	43
OAKLAND HEIGHTS DEVELOPMENT, INC.	1,907,562	775,339	2	2
ORCHARD HILL SANITARY LANDFILL	5,771,882	245,861	23	23
OTTAWA COUNTY FARMS LANDFILL	9,495,930	709,932	13	13
PEOPLES LANDFILL, INC.	8,246,458	467,466	18	18
PINE TREE ACRES, INC.	18,343,000	2,156,000	9	9
PITSCH SANITARY LANDFILL	3,769,403	158,913	25	24
RICHFIELD LANDFILL, INC.	1,116,096	327,512	2	3
RIVERVIEW LAND PRESERVE	19,156,951	813,926	24	24
SAUK TRAIL HILLS LANDFILL	18,746,527	1,350,473	15	14
SMITHS CREEK LANDFILL	7,516,912	371,488	24	20
SOUTHEAST BERRIEN COUNTY LANDFILL	3,770,577	236,933	16	16
TRI-CITY RECYCLING AND DISPOSAL FACILITY	10,152,339	85,815	118	118
VENICE PARK RECYCLING & DISPOSAL FACILITY	11,988,688	625,112	19	19
VIENNA JUNCTION INDUSTRIAL PARK SANITARY LANDFILL	7,353,570	482,132	14	15
WESTSIDE RECYCLING & DISPOSAL FACILITY	41,446,123	546,324	80	76
WEXFORD COUNTY LANDFILL	1,160,374	158,016	7	7
WHITEFEATHER LANDFILL	4,588,060	168,736	27	27
WOOD ISLAND WASTE MANAGEMENT, INC.	878,965	92,329	6	10
WOODLAND MEADOWS RDF-VAN BUREN	13,393,000	2,167,000	6	6
<b>TOTAL</b>	<b>483,366,134</b>	<b>25,578,532</b>		

Based on current capacity used for FY 2004 (25,578,532 cubic yards) and total remaining capacity at noncaptive facilities (483,366,134 cubic yards), and using the same calculation for deriving the values in column (D), it is estimated that Michigan landfills have approximately 19 years of remaining disposal capacity left. This estimate does not take into consideration any increase or decrease in waste disposal rates, waste diversion programs, or any county-imposed restrictions such as volume limitations, any special conditions, or the waste import/export authorizations of each county.

Table 12 below presents estimated remaining disposal capacity, capacity used during the fiscal year, estimated years of remaining capacity (rounded to the nearest year) as reported by each facility and a DEQ-calculated estimate of years of capacity for each captive facility, alphabetically. As stated above, this data was provided by each facility based on site-specific calculations, which may vary among facilities.

The DEQ used the same simplistic formula described above [column (A) divided by column (B) equals column (D)] to calculate estimated years of remaining capacity for each facility. Again, although in some cases the projected years of remaining capacity in column (C) equals the calculated capacity in column (D), it must be noted that each facility may have used a different formula to calculate their projected years of remaining capacity and, therefore, may differ from the calculations presented in column (D).

**TABLE 12**  
**FACILITY CAPACITY AND YEARS REMAINING FOR**  
**CAPTIVE FACILITIES – FY 2004**  
 (Volume in Cubic Yards)

FACILITY NAME	(A) REMAINING CAPACITY	(B) CAPACITY USED IN FY 2004	(C) PROJECTED YEARS OF REMAINING CAPACITY	(D) CALCULATED YEARS OF REMAINING CAPACITY
	REPORTED BY THE LANDFILL			
CEMEX INC.	787,954	50,368	16	16
CITY OF LIVONIA LANDFILL	28,830	8,415	4	3
CONSUMERS ENERGY-JR WHITING SW DE KARN 1&2 SOLID WASTE DISPOSAL AREA	472,000	73,000	7	6
	1,330,800	93,700	11	14
DETROIT EDISON CO. MONROE POWER PLANT ASH BASIN	10,000,000	394,066	100	106
DETROIT EDISON CO. RANGE ROAD	30,000,000	283,457	100	79
DETROIT EDISON CO. SIBLEY QUARRY	20,000,000	253,831	20	25
ESCANABA PAPER COMPANY	5,747,400	156,810	48	37
GMC SAGINAW METAL CASTING - MC	5,677,000	114,751	49	49
GREAT LAKES PULP COMPANY TYPE III LANDFILL	700,313	19,282	8	36
HOLCIM US INC. DUNDEE PLANT	192,505	43,859	4	4
HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP LANDFILL	719,158	540	55	1,332
INTERNATIONAL PAPER COMPANY	2,692,607	134,951	23	20
J C WEADOCK COMPLEX	10,226,000	62,000	134	165
J H CAMPBELL COMPLEX	7,927,000	169,000	40	47
KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III	7,651,340	39,081	191	196
LAFARGE NORTH AMERICA-TYPE III LANDFILL	6,688,168	539,795	15	12
MANISTIQUE PAPERS INC.	288,790	99,550	3	3
PRESQUE ISLE POWER PLANT ASH MONOFILL	2,591,392	81,812	21	32
SMURFIT STONE CONTAINER CORPORTATION	3,195,352	97,620	34	33
SPARTA FOUNDRY WASTE FACILITY	139,000	11,860	25	12
STORA ENSO NORTH AMERICA NIAGARA MILL	33,057	20,070	2	2
THE DOW CHEMICAL COMPANY- SALZBURG LANDFILL	1,728,515	39,464	63	44



## APPENDIX – LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE

The Appendix of this Report lists alphabetically every reporting landfill and indicates the amount of waste received at the landfill, the type of waste received, and the place of origin of that waste.

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**ADRIAN LANDFILL (LENAWEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
HILLSDALE COUNTY	560	
INGHAM COUNTY	863	
JACKSON COUNTY		982
LENAWEE COUNTY	466,873	
MONROE COUNTY	77,358	
OHIO	28,357	
WASHTENAW COUNTY	35,014	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**ALLIED WASTE INDUSTRIES ROCKWOOD LANDFILL (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CANADA		174,967
CONNECTICUT		145,445
HILLSDALE COUNTY		70
LIVINGSTON COUNTY		2
MACOMB COUNTY		162,375
MAINE		1,130
MASSACHUSETTS		121,992
MONROE COUNTY		79,044
NEW HAMPSHIRE		34,455
NEW JERSEY		55
NEW YORK		142,940
OAKLAND COUNTY		2,590
OHIO		7,240
RHODE ISLAND		73,210
WASHTENAW COUNTY		275
WAYNE COUNTY		546,256

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**ARBOR HILLS WEST EXPANDED SANITARY LANDFILL (WASHTENAW COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CANADA	538,619	
GENESEE COUNTY	4,864	
LIVINGSTON COUNTY	99,507	
MACOMB COUNTY	408,459	
MONROE COUNTY	110	
OAKLAND COUNTY	552,159	
WASHTENAW COUNTY	301,389	
WAYNE COUNTY	1,417,215	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**AUTUMN HILLS RECYCLING AND DISPOSAL FACILITY (OTTAWA COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY	106,817	
BARRY COUNTY	104	
BERRIEN COUNTY	4,025	
CALHOUN COUNTY	15	
EATON COUNTY	18	
IONIA COUNTY	2,503	
KALAMAZOO COUNTY	80,471	
KENT COUNTY	512,931	
MASON COUNTY	39	
MECOSTA COUNTY	18,561	
MONTCALM COUNTY	57,243	
MUSKEGON COUNTY	369,905	
NEWAYGO COUNTY	82	
OTTAWA COUNTY	709,926	
VAN BUREN COUNTY	20,342	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**BRENT RUN LANDFILL (GENESEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
BAY COUNTY	1,102	1,255
CANADA	795,580	2,336
CLINTON COUNTY	1,309	1,510
EATON COUNTY		149
GENESEE COUNTY	237,240	271,353
GRATIOT COUNTY	1,851	112,845
INGHAM COUNTY		1,837
LAPEER COUNTY	894	5,739
LIVINGSTON COUNTY	80	3,670
MIDLAND COUNTY		32
OAKLAND COUNTY	670	4,545
SAGINAW COUNTY	74,715	90,274
SHIAWASSEE COUNTY	10,302	16,172
TUSCOLA COUNTY	1,402	14,756
WASHTENAW COUNTY		260
WAYNE COUNTY		154

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**C&C EXPANDED SANITARY LANDFILL (CALHOUN COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY	669	20,690
BARRY COUNTY		2,560
BERRIEN COUNTY		31
BRANCH COUNTY	11,876	5,811
CALHOUN COUNTY	130,675	146,184
CASS COUNTY	53	325
CLINTON COUNTY	132	18,190
EATON COUNTY	23,074	33,750
HILLSDALE COUNTY	191	26,746
INDIANA		720
INGHAM COUNTY	53,193	44,114
KALAMAZOO COUNTY	516,749	42,882
OTTAWA COUNTY		90
ST. JOSEPH COUNTY		2,330
UNKNOWN	2	300
VAN BUREN COUNTY		12

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**CARLETON FARMS LANDFILL (WAYNE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY		42
BENZIE COUNTY		43
BRANCH COUNTY	30	35
CANADA	4,373,795	713,394
CLINTON COUNTY		15
CONNECTICUT		60
GENESEE COUNTY	30	508
GRATIOT COUNTY		9
ILLINOIS		360
KALAMAZOO COUNTY		4
KALKASKA COUNTY	85	
LENAWEE COUNTY	940	698
LIVINGSTON COUNTY	300	1,182
MACOMB COUNTY	363	8,305
MASSACHUSETTS	560	
MONROE COUNTY	134,259	114,503
OAKLAND COUNTY	7,052	21,256
OHIO	20	106,514
WASHTENAW COUNTY	76,287	49,319
WAYNE COUNTY	479,609	1,564,494

**CEMEX INC. (CHARLEVOIX COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
CHARLEVOIX COUNTY		50,368



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**CENTRAL SANITARY LANDFILL (MONTCALM COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
GRATIOT COUNTY	10,088	198,489
ISABELLA COUNTY	8,637	
KENT COUNTY	335,997	18,944
MECOSTA COUNTY	56,848	339
MONTCALM COUNTY	42,270	
MUSKEGON COUNTY	669	22,082
NEWAYGO COUNTY	61,821	135
OSCEOLA COUNTY	3,664	
OTTAWA COUNTY	151	
SAGINAW COUNTY	54	
UNKNOWN	34,980	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**CITIZENS DISPOSAL, INC. (GENESEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
BAY COUNTY	2,470	343
CALHOUN COUNTY	1	
EATON COUNTY	23	
GENESEE COUNTY	468,170	168,902
INGHAM COUNTY	10	60
IONIA COUNTY	1	
LAPEER COUNTY	26,637	15,290
LENAWEE COUNTY	137	7
LIVINGSTON COUNTY	30,133	24,117
MACOMB COUNTY	41	130
OAKLAND COUNTY	62,079	15,890
OHIO	7	12
SAGINAW COUNTY	6,865	2,189
SHIAWASSEE COUNTY	4,685	680
TUSCOLA COUNTY	59	411
VAN BUREN COUNTY	25	
WASHTENAW COUNTY	264	18
WAYNE COUNTY	2,459	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**CITY ENVIRONMENTAL SERVICES, INC. OF WATERS (CRAWFORD COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALCONA COUNTY	330	
ALPENA COUNTY	23,247	
ANTRIM COUNTY	38,780	
CANADA	35,614	
CHARLEVOIX COUNTY	78,178	
CHEBOYGAN COUNTY	81,842	
CRAWFORD COUNTY	112,605	
EMMET COUNTY	10,835	
GRAND TRAVERSE COUNTY	275	
IOSCO COUNTY	132,269	
KALKASKA COUNTY	168,877	
MONTMORENCY COUNTY	1,815	
OGEMAW COUNTY	302	
OSCEOLA COUNTY	1	
OSCODA COUNTY	44	
OTSEGO COUNTY	138,243	
PRESQUE ISLE COUNTY	3,509	
ROSCOMMON COUNTY	19,583	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**CITY ENVIRONMENTAL SERVICES LANDFILL OF HASTINGS (BARRY COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALLEGAN COUNTY	211	
BARRY COUNTY	49,596	
CALHOUN COUNTY	752	
CLINTON COUNTY	15	
EATON COUNTY	10,713	
INGHAM COUNTY	34	
IONIA COUNTY	30,421	
KALAMAZOO COUNTY	79	
KENT COUNTY	33,562	
MONTCALM COUNTY	51	

**CITY OF LIVONIA LANDFILL (WAYNE)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
WAYNE COUNTY		9,509

**CITY OF MIDLAND SANITARY LANDFILL (MIDLAND COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BAY COUNTY	11,360	
MIDLAND COUNTY	642,145	92,701
SAGINAW COUNTY	14,505	

**COLLIER ROAD LANDFILL (OAKLAND COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
OAKLAND COUNTY	217,185	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**COUNTY OF MUSKEGON - SOLID WASTE FACILITY (MUSKEGON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MUSKEGON COUNTY	166,439	
NEWAYGO COUNTY	11,913	
OCEANA COUNTY	1,346	
OTTAWA COUNTY	1,042	

**COUNTYWIDE LANDFILL GIBRALTAR PLANT (WAYNE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
LENAWEE COUNTY		24
MACOMB COUNTY		31,054
MONROE COUNTY		5,633
OAKLAND COUNTY		24,259
OHIO		129,972
ST. CLAIR COUNTY		199
WASHTENAW COUNTY		378
WAYNE COUNTY		367,832

**COVE LANDFILL (HURON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
HURON COUNTY	72,486	
SANILAC COUNTY	1,784	
TUSCOLA COUNTY	2,881	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**DAFTER SANITARY LANDFILL (CHIPPEWA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CANADA	26,997	
CHIPPEWA COUNTY	104,139	1,905
LUCE COUNTY	17,727	
MACKINAC COUNTY	24,477	

**DE KARN 1&2 SOLID WASTE DISPOSAL AREA (BAY COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BAY COUNTY		93,739

**DELTA COUNTY LANDFILL (DELTA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
DELTA COUNTY	105,431	2,606
HOUGHTON COUNTY	9	

**DETROIT EDISON CO. MONROE POWER (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MONROE COUNTY		394,066

**DETROIT EDISON CO. RANGE RD ASH DISPOSAL (ST. CLAIR COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
HURON COUNTY		6,945
ST. CLAIR COUNTY		276,512

**DETROIT EDISON CO. SIBLEY QUARRY (WAYNE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
WAYNE COUNTY		253,831

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**EAGLE VALLEY RECYCLE & DISPOSAL FACILITY (OAKLAND COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
GENESEE COUNTY	1,371	
LAPEER COUNTY	7	
MACOMB COUNTY	173,778	1,125
OAKLAND COUNTY	976,620	124,815
WASHTENAW COUNTY	78	
WAYNE COUNTY	4,368	1,137

**EDW. C. LEVY CO. LANDFILL (WAYNE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
WAYNE COUNTY		184,692

**ELK RUN LANDFILL (PRESQUE ISLE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CHARLEVOIX COUNTY	115,474	864
CHEBOYGAN COUNTY	24,116	20,717
EMMET COUNTY	100,689	3,821
GRAND TRAVERSE COUNTY		148
KALKASKA COUNTY		166
PRESQUE ISLE COUNTY	10,323	5,750

**ESCANABA PAPER COMPANY (DELTA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
DELTA COUNTY		156,810

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**FORD MOTOR CO. ALLEN PK CLAY MINE LF (WAYNE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MACOMB COUNTY	5,911	
OAKLAND COUNTY	282	
WASHTENAW COUNTY	1,198	
WAYNE COUNTY	76,139	

**FOREST LAWN LANDFILL, INC. (BERRIEN COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALLEGAN COUNTY	18,672	
BERRIEN COUNTY	345,558	
CALHOUN COUNTY	1	
CASS COUNTY	53	
ILLINOIS	1,768,592	
INDIANA	1,530,841	
KALAMAZOO COUNTY	225,805	
VAN BUREN COUNTY	140,281	

**GLENS SANITARY LANDFILL (LEELANAU COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BENZIE COUNTY	11,914	
GRAND TRAVERSE COUNTY	279,568	
KALKASKA COUNTY	6,304	
LEELANAU COUNTY	74,016	
MANISTEE COUNTY	110	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**GMC SAGINAW METAL CASTING (SAGINAW COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
SAGINAW COUNTY		114,751

**GRANGER GRAND RIVER LANDFILL (CLINTON COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY		26
BARRY COUNTY	2	21
CALHOUN COUNTY	2	42
CLINTON COUNTY	15,367	21,541
EATON COUNTY	82,870	73,331
GENESEE COUNTY		6
GRATIOT COUNTY	28	462
INGHAM COUNTY	86,994	74,926
IONIA COUNTY	20,837	5,792
ISABELLA COUNTY	2	
KALAMAZOO COUNTY	110	13
LIVINGSTON COUNTY	24	60
MONTCALM COUNTY	10	2
OAKLAND COUNTY		6
SAGINAW COUNTY		2
SHIAWASSEE COUNTY	710	1,097
WASHTENAW COUNTY		2

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**GRANGER WOOD STREET LANDFILL (INGHAM COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BARRY COUNTY		80
CALHOUN COUNTY		30
CLINTON COUNTY	50,987	30,002
EATON COUNTY	40,455	12,060
GRATIOT COUNTY		155
INGHAM COUNTY	552,701	245,038
IONIA COUNTY	2,403	200
LENAWEE COUNTY		18
LIVINGSTON COUNTY	42,462	3,933
SHIAWASSEE COUNTY	10,417	2,410

**GREAT LAKES PULP COMPANY TYPE III LANDFILL (MENOMINEE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MENOMINEE COUNTY		19,282

**HOLCIM US INC. DUNDEE PLANT (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MONROE COUNTY		43,860

**HOLLAND PUBLIC WORKS ZEELAND TOWNSHIP (OTTAWA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
OTTAWA COUNTY		540

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**INTERNATIONAL PAPER COMPANY (DICKINSON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
DICKINSON COUNTY		134,951

**J H CAMPBELL COMPLEX (OTTAWA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
OTTAWA COUNTY		182,646

**J R WHITING PLANT (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MONROE COUNTY		72,581

**JC WEADOCK SOLID WASTE DISPOSAL AREA (BAY COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BAY COUNTY		62,075

**K & W LANDFILL (ONTONAGON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BARAGA COUNTY	20,935	
GOGEBIC COUNTY	34,737	116
HOUGHTON COUNTY	92,142	
IRON COUNTY	24,875	231
KEWEENAW COUNTY	4,264	
ONTONAGON COUNTY	16,348	
WISCONSIN	139,245	1,418

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**KALAMAZOO VALLEY GROUP LOW HAZARD TYPE III (KALAMAZOO COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
KALAMAZOO COUNTY		39,081

**KENT COUNTY SOUTH KENT LANDFILL (KENT COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALLEGAN COUNTY	1,401	
KALAMAZOO COUNTY	24	
KENT COUNTY	536,660	
VAN BUREN COUNTY	3	

**LAFARGE NORTH AMERICA-TYPE III LANDFILL (ALPENA COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALPENA COUNTY		539,795

**LIBERTY ENVIRONMENTALISTS LANDFILL (JACKSON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BRANCH COUNTY		30
CALHOUN COUNTY		8,000
HILLSDALE COUNTY		10,000
JACKSON COUNTY		133,157
LENAWEE COUNTY		21,000
WASHTENAW COUNTY		25,000

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**MANISTEE COUNTY LANDFILL INC. (MANISTEE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BENZIE COUNTY	29,581	
GRAND TRAVERSE COUNTY	17,539	
LAKE COUNTY	15,732	
LEELANAU COUNTY	697	
MANISTEE COUNTY	192,072	146,790
MASON COUNTY	81,551	
WEXFORD COUNTY	1,121	

**MANISTIQUE PAPERS INC. (SCHOOLCRAFT COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
SCHOOLCRAFT COUNTY		164,379

**MARQUETTE COUNTY SOLID WASTE (MARQUETTE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MARQUETTE COUNTY	261,354	

**MATLIN ROAD LANDFILL (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MONROE COUNTY		775
UNKNOWN		670

**MCGILL ROAD LANDFILL (JACKSON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
JACKSON COUNTY	71,912	123,778

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**MICHIGAN ENVIRONS INC. (MENOMINEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALGER COUNTY	20,574	7,166
DICKINSON COUNTY		6,936
MENOMINEE COUNTY	179,068	99,244
WISCONSIN	242,404	38,724

**MONTMORENCY-OSCODA-ALPENA SWMA (MONTMORENCY COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALCONA COUNTY	231	
ALPENA COUNTY	77,738	
CHEBOYGAN COUNTY	106	
CRAWFORD COUNTY	31	
EMMET COUNTY	20	
IOSCO COUNTY	44	
MONTMORENCY COUNTY	30,705	16,986
OSCODA COUNTY	18,840	
OTSEGO COUNTY	415	
PRESQUE ISLE COUNTY	2,358	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**NORTHERN OAKS RECYCLING AND DISPOSAL (CLARE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CLARE COUNTY	131,959	
GLADWIN COUNTY	38,554	
GRATIOT COUNTY	61,143	
IOSCO COUNTY	8	
ISABELLA COUNTY	183,912	
LAKE COUNTY	6,122	
MECOSTA COUNTY	25,206	
MISSAUKEE COUNTY	10,509	
MONTCALM COUNTY	365	
OGEMAW COUNTY	1,345	
OSCEOLA COUNTY	37,757	
ROSCOMMON COUNTY	57,775	

**OAKLAND HEIGHTS DEVELOPMENT, INC. (OAKLAND COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
GENESEE COUNTY	67	
LAPEER COUNTY	44	39
MACOMB COUNTY	51,646	29,455
OAKLAND COUNTY	1,129,290	592,275
WASHTENAW COUNTY	14	32
WAYNE COUNTY	5,712	1,138

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**ORCHARD HILL SANITARY LANDFILL (BERRIEN COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY	932	
BERRIEN COUNTY	242,112	
CASS COUNTY	12,671	
INDIANA	836	
KALAMAZOO COUNTY	260,317	
ST. JOSEPH COUNTY	20	
VAN BUREN COUNTY	105,521	

**OTTAWA COUNTY FARMS LANDFILL (OTTAWA COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY	2,259	1,861
KALAMAZOO COUNTY	2,784	228
KENT COUNTY	547,044	235,432
MUSKEGON COUNTY	312,842	157,920
NEWAYGO COUNTY	477	2,800
OCEANA COUNTY	7,377	26,672
OTTAWA COUNTY	449,343	114,652



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**PEOPLES LANDFILL, INC. (SAGINAW COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
BAY COUNTY	156,923	10,488
CLINTON COUNTY	33	15
GENESEE COUNTY	24,885	1,191
GRATIOT COUNTY	23,149	2,376
SAGINAW COUNTY	522,786	59,472
SHIAWASSEE COUNTY	78	117
TUSCOLA COUNTY	48,244	2,532

**PINE TREE ACRES, INC. (MACOMB COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
CANADA	4,631,505	
LAPEER COUNTY	9,639	2,742
MACOMB COUNTY	1,281,201	40,473
OAKLAND COUNTY	19,206	1,413
SANILAC COUNTY	57	
WASHTENAW COUNTY	30,972	222
WAYNE COUNTY	44,742	171

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**PITSCH SANITARY LANDFILL (IONIA COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALLEGAN COUNTY		126
BARRY COUNTY	663	
BERRIEN COUNTY		102
BRANCH COUNTY		792
CALHOUN COUNTY	300	1,905
CLINTON COUNTY	1	402
EATON COUNTY		831
INGHAM		189
IONIA COUNTY	5,700	13,281
ISABELLA COUNTY	1,023	78
KENT COUNTY	4,293	92,448
LAKE COUNTY		60
MASON COUNTY		51
MECOSTA COUNTY	5,535	291
MONTCALM COUNTY	11,820	14,529
MUSKEGON COUNTY	663	489
OCEANA COUNTY		33
OSCEOLA COUNTY	222	387
OTTAWA COUNTY		2,520
ST. JOSEPH COUNTY		84
VAN BUREN COUNTY		171

**PRESQUE ISLE POWER PLANT ASH LANDFILL (MARQUETTE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
MARQUETTE COUNTY		81,812

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**RICHFIELD LANDFILL, INC. (GENESEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
CANADA	117,632	
GENESEE COUNTY	285,675	
LAPEER COUNTY	18,983	
OAKLAND COUNTY	44,870	
SANILAC COUNTY	8,080	
SHIAWASSEE COUNTY	886	
TUSCOLA COUNTY	24,076	
WAYNE COUNTY	1,092	

**RIVERVIEW LAND PRESERVE (WAYNE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
MACOMB COUNTY	300	
MONROE COUNTY	15,063	
OAKLAND COUNTY	51	
WASHTENAW COUNTY	6	
WAYNE COUNTY	2,189,427	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**SAUK TRAIL HILLS LANDFILL (WAYNE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALPENA COUNTY	4	
CANADA	29,059	398
JACKSON COUNTY	18	
LENAWEE COUNTY	53	9
LIVINGSTON COUNTY	3,869	537
MACOMB COUNTY	110,196	7,646
MIDLAND COUNTY	1	
MONROE COUNTY	16,829	1,704
NEW JERSEY	80	
NEW YORK	45	
OAKLAND COUNTY	143,319	121,737
OHIO	12	
WASHTENAW COUNTY	160,089	107,532
WAYNE COUNTY	1,660,959	716,339
WEXFORD COUNTY		12

**SMITHS CREEK LANDFILL (ST. CLAIR COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ST. CLAIR COUNTY	516,482	226,494

**SMURFIT STONE CONTAINER CORPORATION (ONTONAGON COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ONTONAGON COUNTY		97,620

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**SOUTHEAST BERRIEN COUNTY LANDFILL (BERRIEN COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
BERRIEN COUNTY	228,402	
CASS COUNTY	26,590	
ILLINOIS	55	
INDIANA	395,921	
KALAMAZOO COUNTY	34	
ST. JOSEPH COUNTY	700	
VAN BUREN COUNTY	30	

**SPARTA FOUNDRY WASTE FACILITY (KENT COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
KENT COUNTY		10,107

**STORA ENSO NORTH AMERICA NIAGARA MIL (DICKINSON COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
WISCONSIN		20,008

**THE DOW CHEMICAL COMPANY-SALZBURG (MIDLAND COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MIDLAND COUNTY		3,716

**TRI-CITY RECYCLING AND DISPOSAL FACILITY (SANILAC COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
HURON COUNTY	20,047	1,690
LAPEER COUNTY	59,047	30
SANILAC COUNTY	94,935	12,167
TUSCOLA COUNTY	16,689	243

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**VENICE PARK RECYCLING & DISPOSAL FACILITY (GENESEE COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
BAY COUNTY	8,373	
CLINTON COUNTY	35,949	2,004
EATON COUNTY	35,891	36
GENESEE COUNTY	477,419	3,429
GRATIOT COUNTY	19,599	
INGHAM COUNTY	213,410	945
IONIA COUNTY	15,774	
LAPEER COUNTY	6,418	
LIVINGSTON COUNTY	1,621	75
MACOMB COUNTY	63	
MONTCALM COUNTY	5,502	
OAKLAND COUNTY	1,098	
OHIO	12	
SAGINAW COUNTY	43,156	42
SHIAWASSEE COUNTY	178,106	4,572
WAYNE COUNTY	3,374	

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**VIENNA JUNCTION INDUSTRIAL PARK SANITARY (MONROE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CONNECTICUT		1,520
LENAAWEE COUNTY	131	2
MACOMB COUNTY		80
MASSACHUSETTS		77,859
MONROE COUNTY	192,732	9,450
NEW HAMPSHIRE		18,160
NEW JERSEY		389,665
NEW YORK		69,765
OAKLAND COUNTY		1
OHIO	840,271	169,684
PENNSYLVANIA		200
WASHTENAW COUNTY	4	12
WAYNE COUNTY	30	575

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**WESTSIDE RECYCLING & DISPOSAL FACILITY (ST. JOSEPH COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALLEGAN COUNTY	9,205	
BERRIEN COUNTY	15,851	
BRANCH COUNTY	50,250	
CALHOUN COUNTY	9,030	
CASS COUNTY	64,858	
EATON COUNTY	25	
INDIANA	35,610	2,020
INGHAM COUNTY	70	
KALAMAZOO COUNTY	549,785	84,440
OTTAWA COUNTY	10	
ST. JOSEPH COUNTY	319,020	14,335
VAN BUREN COUNTY	47,403	

**WEXFORD COUNTY LANDFILL (WEXFORD COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
MISSAUKEE COUNTY	8,979	
WEXFORD COUNTY	275,450	



APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**WHITEFEATHER LANDFILL (BAY COUNTY)**

<b>ORIGIN</b>	<b>TYPE II WASTE</b>	<b>TYPE III WASTE</b>
ALCONA COUNTY	5,602	
ARENAC COUNTY	25,981	4,340
BAY COUNTY	171,186	49,578
CHARLEVOIX COUNTY	20	
CLARE COUNTY	1,020	18
EMMET COUNTY		4
GENESEE COUNTY	2	51
GLADWIN COUNTY	25,108	1,507
GRAND TRAVERSE COUNTY		17
GRATIOT COUNTY	230	312
IOSCO COUNTY	24,356	11,777
ISABELLA COUNTY	712	87
KALKASKA COUNTY	741	211
MIDLAND COUNTY		847
OGEMAW COUNTY	30,204	53,189
ROSCOMMON COUNTY	5,413	24
SAGINAW COUNTY	4,721	8,965
TUSCOLA COUNTY	557	948

APPENDIX  
**LANDFILL DISPOSAL BY WASTE ORIGIN AND TYPE – FY 2004**  
 (All Values are in Cubic Yards)

**WOOD ISLAND WASTE MANAGEMENT, INC. (ALGER COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
ALGER COUNTY	14,350	1,894
BARAGA COUNTY		9,275
CHIPPEWA COUNTY		1,437
DELTA COUNTY		8
DICKINSON COUNTY	77,345	12,679
HOUGHTON COUNTY		849
LUCE COUNTY		1,252
MACKINAC COUNTY		1
MENOMINEE COUNTY	5,235	
SCHOOLCRAFT COUNTY	13,956	53
WISCONSIN	25,252	6

**WOODLAND MEADOWS RDF-VAN BUREN (WAYNE COUNTY)**

ORIGIN	TYPE II WASTE	TYPE III WASTE
CANADA	119,003	
ILLINOIS	202	
LENAWEE COUNTY	245	
LIVINGSTON COUNTY	67,063	
MACOMB COUNTY	7,632	
MONROE COUNTY	51,046	
OAKLAND COUNTY	653,304	
OHIO	15,947	
WASHTENAW COUNTY	687,641	
WAYNE COUNTY	2,903,294	